
Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=6; day=23; hr=8; min=41; sec=19; ms=406;]

Reviewer Comments:

SEQUENCE LISTING

<110> Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.

Please remove the foreign accent marks in the above <110> response; foreign accent marks are non-ASCII characters which cannot be processed.

<120> Cell line comprising vector encoding truncated FLK-1 receptor Div. of US 09/766 678 (Pat. No. 6 872 699)

Please remove "Div. of US 09/766 678 (Pat. No. 6 872 699)" from the above <120> response; just show the invention title. Move all prior application data to the <150> and the <151> lines. See below:

<150> US 09/766,678

<151> 2001-01-23

The <150> is the prior application number; the <151> is the prior filing date.

<210> 1

<211> 5470

<212> DNA

<213> Unknown

<220>

<223> SEQ ID NO: 1

The above <223> response is an insufficient explanation of "<213>

Unknown": although the <213> response is "Unknown", please try to indicate the source of the genetic material. Same type of error in Sequences 2-11.

Validated By CRFValidator v 1.0.3

Application No: 10799782 Version No: 2.0

Input Set:

Output Set:

Started: 2009-06-15 15:22:43.641 **Finished:** 2009-06-15 15:22:45.942

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 301 ms

Total Warnings: 11
Total Errors: 0

No. of SeqIDs Defined: 11
Actual SeqID Count: 11

| Error code | | Error Descript | ion | | | | | | | | |
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                                                                      120
acaccgctga cagccgcggc tggagccagg gcgccggtgc cccgcgctct ccccggtctt
                                                                      180
gcgctgcggg ggccataccg cctctgtgac ttctttgcgg gccagggacg gagaaggagt
                                                                      240
                                                                      297
ctgtgcctga gaaactgggc tctgtgccca ggcgcgaggt gcagg atg gag agc aag
                                                  Met Glu Ser Lys
gcg ctg cta gct gtc gct ctg tgg ttc tgc gtg gag acc cga gcc gcc
                                                                      345
Ala Leu Leu Ala Val Ala Leu Trp Phe Cys Val Glu Thr Arg Ala Ala
                    10
                                        15
tet gtg ggt ttg act gge gat ttt ete cat eee eee aag ete age aca
                                                                      393
Ser Val Gly Leu Thr Gly Asp Phe Leu His Pro Pro Lys Leu Ser Thr
                                    30
cag aaa gac ata ctg aca att ttg gca aat aca acc ctt cag att act
                                                                      441
Gln Lys Asp Ile Leu Thr Ile Leu Ala Asn Thr Thr Leu Gln Ile Thr
            40
                                45
tgc agg gga cag cgg gac ctg gac tgg ctt tgg ccc aat gct cag cgt
                                                                      489
Cys Arg Gly Gln Arg Asp Leu Asp Trp Leu Trp Pro Asn Ala Gln Arg
        55
gat tot gag gaa agg gta ttg gtg act gaa tgc ggc ggt ggt gac agt
                                                                      537
Asp Ser Glu Glu Arg Val Leu Val Thr Glu Cys Gly Gly Asp Ser
                        75
atc ttc tgc aaa aca ctc acc att ccc agg gtg gtt gga aat gat act
                                                                      585
Ile Phe Cys Lys Thr Leu Thr Ile Pro Arg Val Val Gly Asn Asp Thr
                                        95
85
                    90
                                                            100
gga gcc tac aag tgc tcg tac cgg gac gtc gac ata gcc tcc act gtt
                                                                      633
Gly Ala Tyr Lys Cys Ser Tyr Arg Asp Val Asp Ile Ala Ser Thr Val
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                                   110
tat gtc tat gtt cga gat tac aga tca cca ttc atc gcc tct gtc agt
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Tyr Val Tyr Val Arg Asp Tyr Arg Ser Pro Phe Ile Ala Ser Val Ser
            120
                                125
                                                    130
```

| _ | _ | | | | gtg Val | | | | | | _ | | | | | 729 |
|--|---|---|---|---|---------------------------------|---|---|---|---|--|---|---|---|--|---|----------------------|
| | | | _ | - | Gly | _ | | | | | | | | | - | 777 |
| _ | | | | - | aag Lys 170 | _ | | - | _ | _ | | | - | | | 825 |
| | - | _ | | | ggc Gly | | | | | - | | _ | | _ | | 873 |
| _ | | _ | _ | | tgt Cys | | _ | _ | | | - | - | | | _ | 921 |
| | | | | | gtt Val | | | | | | | | | | | 969 |
| | _ | _ | | _ | cat His | _ | | | | | _ | | - | | | 1017 |
| | | | | | | | | | | | | | | | | |
| - | | | _ | | gcg Ala 250 | _ | | | | | | | | - | | 1065 |
| Val 245 acc | Leu tgg | Asn cac | Cys tct | Thr | Ala | Arg tca | Thr aag | Glu | Leu cat | Asn 255 cat | Val | Gly | Leu att | Asp gta | Phe 260 aac | 1065 |
| Val 245 acc Thr | tgg Trp | Asn cac His | Cys tct Ser | Thr cca Pro 265 | Ala 250 cct | Arg tca Ser | Thr aag Lys | Glu tct Ser | Leu cat His 270 | Asn 255 cat His | Val aag Lys | Gly aag Lys | Leu att Ile ttt | Asp gta Val 275 | Phe 260 aac Asn | |
| Val 245 acc Thr cgg Arg | tgg Trp gat Asp | Asn cac His gtg Val | tct Ser aaa Lys 280 | Thr cca Pro 265 ccc Pro | Ala 250 cct Pro | tca Ser cct Pro | Thr aag Lys ggg Gly acc | Glu tct Ser act Thr 285 | cat His 270 gtg Val | Asn 255 cat His gcg Ala | Val aag Lys aag Lys | Gly aag Lys atg Met | att Ile ttt Phe 290 | Asp gta Val 275 ttg Leu | Phe 260 aac Asn agc Ser | 1113 |
| Val 245 acc Thr cgg Arg | tgg Trp gat Asp ttg Leu | cac His gtg Val aca Thr 295 | tct ser aaa Lys 280 ata Ile | Cca Pro 265 Ccc Pro gaa Glu | Ala 250 cct Pro ttt Phe agt | tca ser cct Pro gtg Val | aag Lys ggg Gly acc Thr 300 | Glu tct ser act Thr 285 aag Lys | cat His 270 gtg Val agt Ser | Asn 255 cat His gcg Ala gac Asp | Val aag Lys aag Lys caa Gln aat | aag Lys atg Met ggg Gly 305 | att Ile ttt Phe 290 gaa Glu | Asp gta Val 275 ttg Leu tac Tyr | Phe 260 aac Asn agc Ser acc Thr | 1113 1161 |
| Val 245 acc Thr cgg Arg acc Thr | tgg Trp gat Asp ttg Leu gta Val 310 | cac His gtg Val aca Thr 295 gcg Ala | tct ser aaa Lys 280 ata Ile tcc ser | Cca Pro 265 Ccc Pro gaa Glu agt Ser | Ala 250 cct Pro ttt Phe agt Ser | tca Ser cct Pro gtg Val cgg Arg 315 | aag Lys ggg Gly acc Thr 300 atg Met | Glu tct ser act Thr 285 aag Lys atc Ile | cat His 270 gtg Val agt Ser aag Lys | Asn 255 cat His gcg Ala gac Asp | aag Lys aag Lys caa Gln aat Asn 320 | aag Lys atg Met ggg Gly 305 aga Arg | att Ile ttt Phe 290 gaa Glu aca Thr | gta Val 275 ttg Leu tac Tyr ttt Phe | Phe 260 aac Asn agc Ser acc Thr gtc Val | 1113 1161 1209 |

| | - | tac Tyr | | - | | - | | | | | - | | | | | 1401 |
|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | tcc Ser 375 | | | | _ | | - | | _ | - | | | | - | 1449 |
| - | | act Thr | - | - | - | - | | | | _ | - | | | | | 1497 |
| | | tca Ser | _ | | | _ | _ | | _ | - | | _ | - | | | 1545 |
| _ | | ccc Pro | _ | | | | | - | _ | | _ | | _ | - | | 1593 |
| | _ | tat Tyr | | | _ | _ | | _ | | _ | | - | | - | | 1641 |
| | | ctg Leu 455 | | | | | | | | | | _ | - | - | _ | 1689 |
| | | aga Arg | | | | | - | _ | | - | _ | | - | | - | 1737 |
| | | gag Glu | - | | _ | | | | _ | | - | _ | | | | 1785 |
| | | gcc Ala | _ | | - | | | | | | - | _ | _ | _ | - | 1833 |
| | | gct Ala | - | | | | | _ | | | _ | _ | - | | | 1881 |
| | | gga Gly 535 | - | | | | - | | | | | | | | | 1929 |
| | - | att Ile | | | | | _ | - | _ | | | | _ | | - | 1977 |
| | | ctg Leu | - | - | | - | _ | - | | | | | | | | 2025 |
| tgg | tac | aag | ctt | ggc | tca | cag | gca | aca | tcg | gtc | cac | atg | ggc | gaa | tca | 2073 |

| Trp | Tyr | Lys | Leu | Gly | Ser | Gln | Ala | Thr | Ser | Val | His | Met | Gly | Glu | Ser |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | 585 | | | | | 590 | | | | | 595 | |

| | 585 | 590 | 595 |
|----|---|-------|-------------|
| _ | tgc aag aac ttg gat Cys Lys Asn Leu Asp 605 | | |
| _ | aac agc aca aat gac Asn Ser Thr Asn Asp 620 | | - |
| | cag gac caa ggc gac Gln Asp Gln Gly Asp 635 | | - |
| | aaa aga cat tgc ctg Lys Arg His Cys Leu 650 | - | |
| | ccc atg atc acc gga Pro Met Ile Thr Gly 665 | 2 2 2 | |
| | acc att gaa gtg act Thr Ile Glu Val Thr 685 | | |
| | aca tgg ttc aaa gac Thr Trp Phe Lys Asp 700 | | |
| 33 | ctg aga gat ggg aac Leu Arg Asp Gly Asn 715 | 33 | 3 33 |
| | gat gga ggc ctc tac Asp Gly Gly Leu Tyr 730 | | |
| | aga gcg gag acg ctc Arg Ala Glu Thr Leu 745 | | |
| | ttg gaa gtc att atc Leu Glu Val Ile Ile 765 | | |
| _ | tgg ctc ctt ctt gtc Trp Leu Leu Leu Val 780 | | |
| | ggg gaa ctg aag aca Gly Glu Leu Lys Thr 795 | | |
| | ttg ccc ttg gat gag Leu Pro Leu Asp Glu | | |

805 810 815 820

| | | he Pro Arg A | gac cgg ctg aaa Asp Arg Leu Lys 830 | | 2793 |
|----------------------------|---------------|------------------------------------|---|---------------|------|
| | | | gtg att gag gca Val Ile Glu Ala | - | 2841 |
| | Lys Thr Ala T | - | aca gta gcc gtc Thr Val Ala Val 865 | . Lys Met Leu | 2889 |
| | Ala Thr His S | | cga gcc ctc ato Arg Ala Leu Met 880 | | 2937 |
| - | _ | - | ctc aat gtg gtg Leu Asn Val Val 895 | | 2985 |
| | | ly Gly Pro 1 | ctc atg gtg att Leu Met Val Ile 910 | | 3033 |
| | | | tta cgg ggc aag Leu Arg Gly Lys | - | 3081 |
| _ | Tyr Lys Ser L | | ege tte ege eag Arg Phe Arg Gln 945 | Gly Lys Asp | 3129 |
| | Glu Leu Ser V | | aaa aga cgc ttg Lys Arg Arg Leu 960 | - | 3177 |
| 3 3 | 3 3 3 | | ggc ttt gtt gag Gly Phe Val Glu 975 | | 3225 |
| 3 3 | 3 3 3 3 3 | lu Glu Ala S | tct gaa gaa ctg Ser Glu Glu Leu 990 | 3 3 | 3273 |
| ttc ctg acc | 2 2 2 | ctc atc tgt Leu Ile Cys 1009 | - | | 3318 |
| aag ggc atg Lys Gly Met | | gca tca agg Ala Ser Arg 1020 | | | 3363 |
| ctg gca gca Leu Ala Ala | - | ctc cta tcg Leu Leu Ser 1035 | - | | 3408 |

| atc tgt Ile Cys | _ | | | _ | _ | | _ | | | | _ | _ | gat Asp | 3453 |
|--------------------|-----|-------------|-----|-----|------------|-----|--------------------|-----|-----|------------|-----------|-------------|------------|------|
| tat gtc Tyr Val | _ | | | _ | _ | _ | ctc Leu 1065 | | _ | _ | | _ | gcc Ala | 3498 |
| ccg gaa Pro Glu | | | | - | _ | - | | | | _ | _ | _ | gtg Val | 3543 |
| tgg tct Trp Ser | | | | _ | | | - | | | | | | gcc Ala | 3588 |
| tcc cca Ser Pro | | cct Pro | | - | _ | | gat Asp | _ | - | | _ | agg Arg | aga Arg | 3633 |
| ttg aaa Leu Lys | - | Gly | | - | _ | | Ala | | - | | | Thr | cca Pro | 3678 |
| gaa atg Glu Met | | _ | | _ | ctg Leu | - | _ | | | gag Glu | _ | | aac Asn | 3723 |
| cag aga Gln Arg | | _ | | | gag Glu | _ | | | | ttg Leu | | | ctc Leu | 3768 |
| ctg caa Leu Gln | - | | | _ | _ | - | 1155 ggc Gly | | - | | | - | ctt Leu | 3813 |
| cca atg Pro Met | tca | 1165 gag | aca | ctg | agc | atg | 1170 | gag | gat | tct | gga | 1175 ctc | tcc Ser | 3858 |
| 110 1100 | 001 | 1180 | | 100 | | | J_4 | J_4 | | | <u></u> 1 | u | | |